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a camera unit that digitally captures an image of an object, constructs the image in a predetermined format, compresses the formatted image, and stores the compressed image in the camera memory under a predetermined camera control;

a portable phone unit having a controller that provides overall control to the portable composite communication terminal and selectively performs voice communication and image transmission/reception of at least one image included in an e-mail according to a selected transmission mode among predetermined modes;

a display that displays external images produced by the camera unit images and characters produced by the portable phone unit for an on screen display (OSD) under the control of the portable phone unit; and

an interface between the portable phone unit and the display to display images and characters on the display under the control of the portable phone unit, the interface comprising:

an OSD controller that controls the display of characters and downloaded background images received from the portable phone unit at a specific position of a currently-displayed external images on the display in synchronization with one of an external color sync signal received from the camera unit. and an internal color sync signal; and

a selector that selectively outputs an external image signal received from the camera unit and an OSD image signal received from the OSD controller to be composed of one image on the display under the control of the OSD controller.

16. (Amended) A communication system for transmission and reception of voice and images, comprising:

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a portable composite communication terminal having a camera unit that digitally captures an image of an object, constructs the image in a predetermined format, compresses the formatted image, and stores the compressed image in the camera memory under a predetermined camera control, a portable phone unit that provides overall control to the portable composite communication terminal and selectively performs voice

communication and image transmission and reception according to a selected transmission mode among predetermined modes, a display that displays external images produced by the camera unit images and characters produced by the portable phone unit for an on screen display (OSD) under the control of the portable phone unit, and an interface between the portable phone unit and the display that displays images and characters on the display under the control of the portable phone unit, the interface comprising:

an OSD controller that controls the display of one of a downloaded background image and characters; and

a selector that selectively outputs an external image signal received from one of the camera unit and an OSD image signal received from the OSD controller under the control of the OSD controller;

A2 a mobile communication network for transmission and reception of voice and images to and from the portable composite communication terminal; and

a server connected to the mobile communication network, for providing transmission and reception service of image data over the mobile communication network.

Sub B' 17. (Amended) A method of operating a portable composite communication terminal, having one controller, said portable composite communication terminal which functions as both a portable phone and a camera, comprising the steps of:

setting a portable phone mode by turning on the portable composite communication terminal, regulating voltage supporting components of the portable phone mode, and performing a general portable phone function;

setting a camera mode upon user request for camera operation, said user request being input through a camera mode switch and processed by the controller, regulating voltage supporting components of the camera mode, and performing a camera function;

capturing the image of an object upon user request for a photograph in the camera mode; and

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displaying a captured image stored in a camera memory of the portable composite communication terminal on a display of the portable composite communication terminal upon user request for displaying the image.

19. (Amended) The method of claim 17, wherein a second power voltage is supplied to a camera unit of portable composite communication terminal when the camera mode is set.

20. (Amended) A data transmitting method for a portable composite communication terminal which functions as both a portable phone and a camera, comprising the steps of:

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entering a first E-mail transmission sub-mode upon user request for E-mail transmission while operating in a portable phone mode, the first e-mail transmission sub-mode performing a portable phone function;

entering a second E-mail transmission sub-mode upon user request for E-mail transmission while operating in a display sub-mode, the second e-mail transmission sub-mode displaying an image most recently captured in a camera mode;

sequentially displaying other images stored in a memory through the use of scroll keys;

transmitting the address of the other party and a message received through a user interface in the first E-mail transmission sub-mode; and

transmitting the address of the other party and the message received through the user interface and the image displayed on the display as an E-mail in the second E-mail transmission sub-mode.

REMARKS

Claims 1-20 are pending in the application. The Examiner has rejected Claim 9 under 35 U.S.C. §112, second paragraph, as being indefinite for failing to point out and distinctly claim the subject matter which the applicant regards as the invention. The